

New amphiphilic conjugate of starch or hydroxyethylstarch, useful as drug carrier, contain e.g. fatty acyl residues, are not taken up by the reticuloendothelial system

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Inventor(s): SOMMERMEYER KLAUS [DE]

Applicant(s): SUPRAMOL PARENTERAL COLLOIDS G [DE]

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Abstract of DE 10135694 (A1)

Amphiphilic (hydroxyethyl)starch conjugates (I) are new. Amphiphilic (hydroxyethyl)starch conjugates of formula (I) are new. B = (hydroxyethyl)starch, or its individual components, amylopectin or amylose, in soluble or hydroxyethylated form, attached through alpha-glycosidic bond; R2 = hydrogen, 2-hydroxyethyl or B; R81:38gt; and R81:48gt; = hydrogen or 2-hydroxyethyl; R' = -C(A)-R''; R'' = -NH((CH2)x-NHly-R'''; x = 0, 1 or 2; y = 0 or 1; A = oxygen or two hydrogens; R''' = -C(O)O-cholesteryl, fatty acid acyl or, where y = 0, phosphatidylethanolaminy).

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